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# Innovative Transportation Solutions

*Tangible Result Driver – Mara Campbell,  
Strategic Planning & Policy Manager*

MoDOT values innovation. The department empowers employees to generate innovative ideas. They are the ones that make concepts come to life so that MoDOT can serve its customers better, faster and at less expense to the taxpayer.



## Innovative Transportation Solutions

### *Annual dollar amount saved by implementing innovative engineering methods*

**Results Driver:** Mara Campbell, Strategic Planning and Policy Manager

**Measurement Driver:** Diane Heckemeyer, State Design Engineer

#### **Purpose of the Measure:**

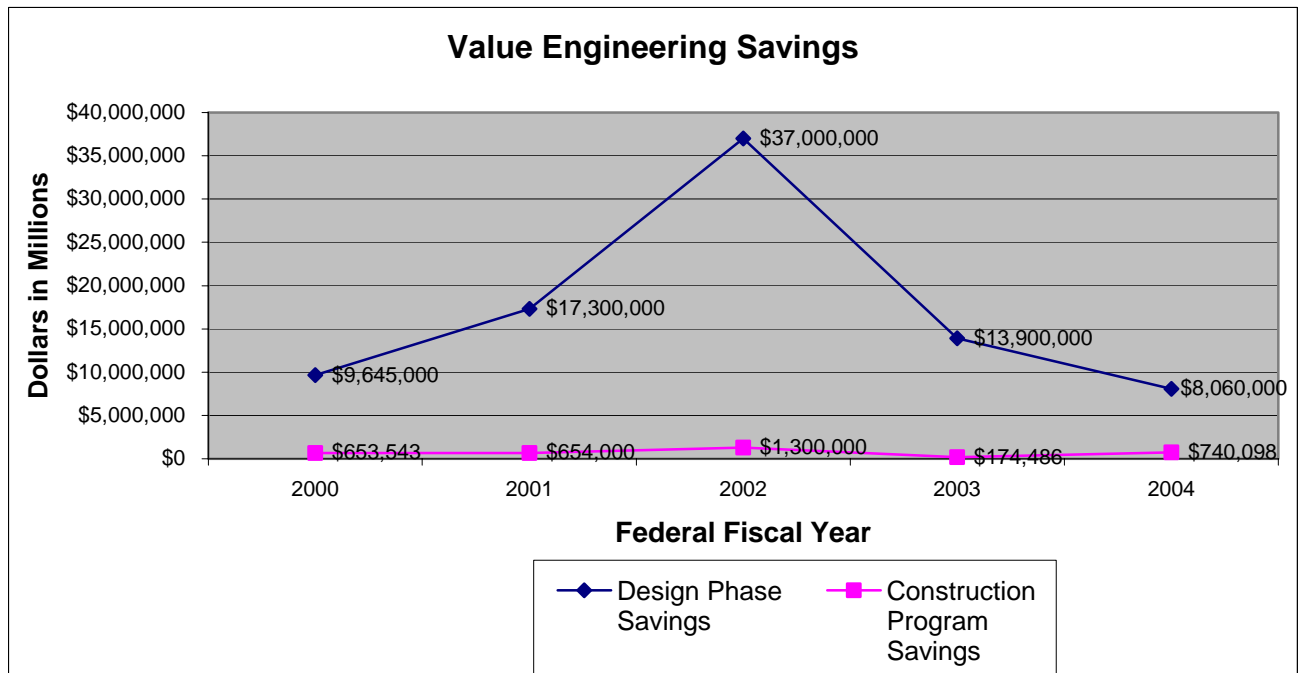
This measure tracks the amount of money MoDOT saves by implementing innovative engineering methods.

#### **Measurement and Data Collection:**

At the project level, the most quantifiable innovations that should result in cost savings are value engineering and design modifications. In addition to savings achieved at the design phase, construction program savings can also be identified when value engineering is used. VE is the systematic application of known recognized techniques by multi-disciplined teams that identify the function of a product or service and identify cost effective alternatives using creative approaches to improve a project's quality and efficiency. Design modifications are variations from standards to fit the individual characteristics of a specific project.

#### **Improvement Status:**

Since 1988, MoDOT has saved more than \$180 million as a result of VE. Additional charts will be added to this measure as data is developed for design modifications and Engineering Policy Committee decisions.



## Innovative Transportation Solutions

### *Number of external awards received*

**Results Driver:** Mara Campbell, Strategic Planning & Policy Manager

**Measurement Driver:** Rebecca Geyer, Senior Business Specialist

**Purpose of the Measure:**

This measure will track the number of external awards received by the department. Many of these awards relate to quality and therefore display the department's dedication to efficiency and quality throughout the organization.

**Measurement and Data Collection:**

**Improvement Status:**

**Measure is Under  
Development**

## Innovative Transportation Solutions

*Percent of completed projects that our customers felt were the right transportation solution*

**Results Driver:** Mara Campbell, Strategic Planning & Policy Manager

**Measurement Driver:** Mike Shea, Assistant State RDT Engineer

**Purpose of the Measure:**

The measure will provide information on how the public perceives MoDOT's performance in providing the right transportation solutions.

**Measurement and Data Collection:**

**Improvement Status:**

**Measure is Under  
Development**